

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062221\
 Data File : VN067437.D
 Acq On : 22 Jun 2021 15:01
 Operator : JC/MD
 Sample : VN0622WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/23/2021 5:31:54 PM

Quant Time: Jun 23 04:04:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	292854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	615841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	543942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	225298	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	300935	52.090	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.180%	
35) Dibromofluoromethane	8.024	113	200827	49.032	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.060%	
50) Toluene-d8	10.443	98	785819	50.057	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.120%	
62) 4-Bromofluorobenzene	12.734	95	299422	46.217	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 92.440%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	94999	20.636	ug/l	97
3) Chloromethane	2.301	50	101960	22.934	ug/l	95
4) Vinyl Chloride	2.443	62	94705	21.728	ug/l	98
5) Bromomethane	2.845	94	54112	29.262	ug/l	95
6) Chloroethane	3.014	64	55953	20.897	ug/l	98
7) Trichlorofluoromethane	3.368	101	134754	22.274	ug/l	99
8) Diethyl Ether	3.821	74	52551	21.354	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.200	101	81657	22.440	ug/l	96
10) Methyl Iodide	4.414	142	73502	23.769	ug/l	# 90
11) Tert butyl alcohol	5.390	59	105026	110.432	ug/l	# 86
12) 1,1-Dichloroethene	4.175	96	80225	22.841	ug/l	91
13) Acrolein	4.041	56	64884	109.297	ug/l	100
14) Allyl chloride	4.835	41	165632	21.254	ug/l	97
15) Acrylonitrile	5.559	53	266829	127.826	ug/l	99
16) Acetone	4.291	43	229509	103.522	ug/l	94
17) Carbon Disulfide	4.524	76	232539	20.498	ug/l	100
18) Methyl Acetate	4.859	43	128088	23.827	ug/l	100
19) Methyl tert-butyl Ether	5.621	73	327445	23.225	ug/l	96
20) Methylene Chloride	5.095	84	100027	21.684	ug/l	96
21) trans-1,2-Dichloroethene	5.592	96	85660	22.008	ug/l	94
22) Diisopropyl ether	6.501	45	340966	23.703	ug/l	99
23) Vinyl Acetate	6.436	43	1352229	102.588	ug/l	99
24) 1,1-Dichloroethane	6.388	63	190693	23.631	ug/l	100
25) 2-Butanone	7.343	43	364236	114.975	ug/l	99
26) 2,2-Dichloropropane	7.327	77	167547	20.485	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	103642	22.629	ug/l	96
28) Bromochloromethane	7.659	49	79937	21.285	ug/l	94
29) Tetrahydrofuran	7.692	42	232255	116.282	ug/l	96
30) Chloroform	7.820	83	179487	21.185	ug/l	99
31) Cyclohexane	8.094	56	177142	22.555	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	152792	19.634	ug/l	97
36) 1,1-Dichloropropene	8.223	75	134860	19.533	ug/l	100
37) Ethyl Acetate	7.418	43	153286	20.956	ug/l	# 86
38) Carbon Tetrachloride	8.206	117	121825	16.416	ug/l	98
39) Methylcyclohexane	9.462	83	158988	21.758	ug/l	94
40) Benzene	8.461	78	405028	21.018	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	78075	20.533	ug/l	98
42) 1,2-Dichloroethane	8.531	62	149849	18.403	ug/l	99
43) Isopropyl Acetate	8.566	43	263622	20.080	ug/l	97
44) Trichloroethene	9.218	130	84603	18.774	ug/l	100
45) 1,2-Dichloropropane	9.494	63	111424	21.680	ug/l	100
46) Dibromomethane	9.580	93	70123	20.054	ug/l	93
47) Bromodichloromethane	9.765	83	138663	17.679	ug/l	99
48) Methyl methacrylate	9.564	41	116566	19.472	ug/l	96
49) 1,4-Dioxane	9.577	88	34860	425.472	ug/l	99
51) 4-Methyl-2-Pentanone	10.336	43	788332	104.293	ug/l	98
52) Toluene	10.508	92	235725	19.453	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	161098	18.548	ug/l	96
54) cis-1,3-Dichloropropene	10.191	75	173839	19.803	ug/l	94
55) 1,1,2-Trichloroethane	10.902	97	91115	19.448	ug/l	98
56) Ethyl methacrylate	10.765	69	174162	20.677	ug/l	96
57) 1,3-Dichloropropane	11.047	76	170295	19.899	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.044	63	236029	96.290	ug/l	98
59) 2-Hexanone	11.090	43	559036	100.949	ug/l	96
60) Dibromochloromethane	11.240	129	84883	16.570	ug/l	98
61) 1,2-Dibromoethane	11.350	107	88245	17.991	ug/l	97
64) Tetrachloroethene	10.980	164	73092	18.925	ug/l	98
65) Chlorobenzene	11.773	112	227187	19.194	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	87769	19.912	ug/l	90
67) Ethyl Benzene	11.849	91	474570	20.275	ug/l	97
68) m/p-Xylenes	11.956	106	322241	38.728	ug/l	84
69) o-Xylene	12.283	106	162278	19.939	ug/l	99
70) Styrene	12.296	104	276727	20.456	ug/l	98
71) Bromoform	12.460	173	54179	16.086	ug/l #	91
73) Isopropylbenzene	12.581	105	428764	19.833	ug/l	84
74) N-amyl acetate	12.390	43	382424	36.234	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.830	83	137184	21.285	ug/l #	89
76) 1,2,3-Trichloropropane	12.881	75	123247m	21.066	ug/l	
77) Bromobenzene	12.862	156	82463	18.731	ug/l	90
78) n-propylbenzene	12.921	91	544430	21.173	ug/l	96
79) 2-Chlorotoluene	13.010	91	338577	21.147	ug/l	94
80) 1,3,5-Trimethylbenzene	13.063	105	350548	19.249	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	43387	18.379	ug/l	95
82) 4-Chlorotoluene	13.106	91	308547	19.355	ug/l	96
83) tert-Butylbenzene	13.326	119	311366	21.472	ug/l	94
84) 1,2,4-Trimethylbenzene	13.372	105	368896	20.503	ug/l	96
85) sec-Butylbenzene	13.503	105	424351	20.669	ug/l	98
86) p-Isopropyltoluene	13.619	119	423023	25.530	ug/l	92
87) 1,3-Dichlorobenzene	13.619	146	159839	20.127	ug/l	93
88) 1,4-Dichlorobenzene	13.696	146	159230	19.934	ug/l	95
89) n-Butylbenzene	13.946	91	323035	20.748	ug/l	99
90) Hexachloroethane	14.214	117	79586	24.561	ug/l	73
91) 1,2-Dichlorobenzene	13.991	146	147754	19.609	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.606	75	32214	19.994	ug/l	77
93) 1,2,4-Trichlorobenzene	15.268	180	72826	18.512	ug/l #	90
94) Hexachlorobutadiene	15.375	225	35069	15.523	ug/l	96
95) Naphthalene	15.507	128	270353	21.333	ug/l	98
96) 1,2,3-Trichlorobenzene	15.703	180	73284	19.404	ug/l	97

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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